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PATENT APPLICATION			First	First Inventor			Geof	frey	Alan	Wi	11i	ames	
TRANSMITTAL			Title	Title			IMPRO	VEMENTO	IS TO EXABLE	VAC	JUM		
(Only for	r new nonprovision	al applications under 37 CFR 1	.53(b))	Ехрі	ress M	ail Label	i i			)13 US			フ
See MPEP	APPLICATE CONTRACTOR C	FION ELEMENTS  erning utility patent application of	contents.	ADI	DRES	SS TO:		Commissi P.O. Box	Patent Applioner for Pa 1450 a VA 22313	itents			
2. Applii Applii See 3 Speci (prefer - Dess - Cros - State - Refer or a Back - Brief - Deta - Clair - Abst  4. Drawi  5. Oath or Deta a. Ne b. Co (fo	mit an original and a cant claims sma 37 CFR 1.27. iffication are darrangement a criptive title of the iss Reference to Reference to Sequence computer program (ground of the Inversional Computer program (ground of the Disclosuration (s) (35 U.S.C) claration ewly executed (or continuation/diputer continuation/diputer continuation/diputer continuation/diputer in the prior 1.63(d)(2) and 1.3	ITotal Pages 22 set forth below) nivention lated Applications ed sponsored R & D elisting, a table, listing appendix ntion nvention Drawings (if filed)  ITOTAL Sheets Figinal or copy) Application (37 CFR 1.63(d) Visional with Box 18 completed INVENTOR(S) application, see 37 CFR	<u>1</u> ]	9. 8. 10. 11. 12. 13. 14. 15. 16. 17.	b.	ii. Statement Prelimina Return R (Should It Certified (if foreign Nonpublic (b)(2)(B)(c) rits equ	Progradion Amalin necesity of the Control of the Co	m (Appeino Acid ssary) leadable n Sequei OM or Ci  verifying NG AP OM par oers (cov Stateme in assign tion Doct closure l/PTO-14 endment Postcard diffically ite f Priority y is claim Request licant mu	rent are sheet (MPEP 5 emized)  (MPEP 5 emized)  under 35 st attach in Sequence (MPEP 5 emized)	of above of	copies copies ART: nt(s)) r of ney s of II	<b>S</b> * * DS	
18. If a CONTI specification fo	INUING APPLIC Mowing the title,	ATION, check appropriate I or in an Application Data SI	oox, and su neet under 3	pply the 37 CFR	requis 1.76:	ite inform	ation b	elow and					_
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Signature

Date

Sep 5, 2003

This collection of information's required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mall Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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McCulloch

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FEE TRANSMITTA			Compl te if Known							
I LE IIIAIIOIIII IA	-	Application Number								
for FY 2003		Filing Date				concurrently herewith				
Effective 01/01/2003. Patent fees are subject to annual revision.	First Named Inv			Inver	ntor	Geoffrey Alan Williames				
		Examiner Name				Jeffrey A. Gellner				
Applicant claims small entity status. See 37 CFR 1.27		Art Unit				3643				
TOTAL AMOUNT OF PAYMENT (\$) 375.00		Attorney Docket No. P15650								
METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)									
Check Credit card Money Other None	3. ADDITIONAL FEES									
Deposit Account: check No. 5314		Entity								
Deposit Account 50-2676	Fee Cod	Fee e (\$)	Fee Code	Fee (\$)		Fee Description	Fee Paid_			
Number	1051	130	2051	65	Surch	arge - late filing fee or oath				
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Name The Director is authorized to: (check all that apply)	1053	130	1053			inglish specification				
Charge fee(s) indicated below Credit any overpayments	1812	2,520	1812	2,520	For fili	ng a request for ex parte reexamination				
Charge any additional fee(s) during the pendency of this application	1804	920*	1804	920*	Reque	esting publication of SIR prior to iner action				
Charge fee(s) indicated below, except for the filing fee	1805	1,840*	1805			esting publication of SIR after				
to the above-identified deposit account.		.,010		1,040		iner action	$\vdash$			
FEE CALCULATION	1251		2251			sion for reply within first month				
1. BASIC FILING FEE	1252		2252	205		sion for reply within second month				
Large Entity Small Entity Fee Fee Fee Fee Fee Description Fee Paid	1253		2253			sion for reply within third month				
Code (\$) Code (\$)		1,450	2254	725		sion for reply within fourth month				
1001 750 2001 375 Utility filing fee 3.75.00		1,970	2255	985		sion for reply within fifth month				
1002 330 2002 165 Design filing fee	1401		2401			e of Appeal				
1003 520 2003 260 Plant filing fee	1402		2402			a brief in support of an appeal				
1004 750 2004 375 Reissue filing fee	1403	280 1,510	2403			est for oral hearing				
1005 160   2005 80   Provisional filing fee	1451	-	1451			on to institute a public use proceeding on to revive - unavoidable				
SUBTOTAL (1) (\$) 375.00		1,300	2452							
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,300	2501			on to revive - unintentional				
Fee from Ext <u>ra Claim</u> s <u>below</u> Fee Paid	1502		2502		-	issue fee (or reissue) n issue fee				
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Fee Fee Fee Fee Description	1806		1806			ission of Information Disclosure Stmt ding each patent assignment per				
Code (\$)   Code (\$) 1202 18   2202 9 Claims in excess of 20	8021	40	8021	40	prope	rty (times number of properties)				
1201 84 2201 42 Independent claims in excess of 3	1809	750	2809			a submission after final rejection FR 1.129(a))				
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**or number previously paid, if greater; For Reissues, see above	uced by	Basic F	iling Fe	e Paic	SUBTOTAL (3) (\$) 3 " ;	0.0				
SUBMITTED BY						(Complete (if applicable))				

Telephone 989-792-2500 17,452 (Attorney/Agent) September 5, 2003 Signature WARNING: Information on this form may become public. Credit card information should not

John K. McCulłoch

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